



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 5

Complete if Known

Application Number	10/672,602
Filing Date	09-26-2003
First Named Inventor	Lutgen, Joseph L.,
Art Unit	3751
Examiner Name	To be assigned
Attorney Docket Number	31184

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
[Signature]		US- 36,652-B1	10-14-1862	Jacobs, J.	
		US- 198,484-B1	12-25-1877	Briggs, W.S.	
		US- 343,391-B1	06-08-1886	Peiter, F.P.	
		US- 361,535-B1	04-19-1887	Merrick, S.J.	
		US- 372,903-B1	11-08-1887	Forster, E.E.	
		US- 391,199-B1	10-16-1888	Seabaugh, C.	
		US- 488,945-B1	12-27-1892	Nelson, A.M.	
		US- 500,564-B1	07-04-1893	Dierlamm, E.	
		US- 503,011-B1	08-08-1893	Stathem, I.H.	
		US- 504,918-B1	09-12-1893	Geissinger, J.B.	
		US- 684,685-B1	10-15-1901	Gerst, H.	
		US- 865,036-B1	09-03-1907	Hatfield, A.L.	
		US- 967,410-B1	08-16-1910	Montgomery, H.J.	
		US- 1,094,888-B1	04-28-1914	Ehrle, O.F.	
		US- 1,125,405-B1	01-19-1915	Seabaugh, E.	
		US- 1,206,976-B1	12-05-1916	Barth, J.F.	
[Signature]		US- 1,304,171-B1	05-20-1919	Ferree, J.W.	
		US- 1,342,576-B1	06-08-1920	Wride, G.T.	
		US- 1,410,589-B1	03-28-1922	Nolte, F.J.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		N/A				

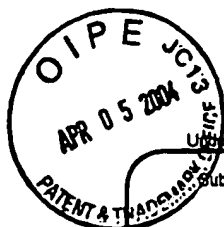
Examiner Signature	[Signature]	Date Considered	5/12/05
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Sheet 3 of 5

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Application Number	10/672,602
Filing Date	09-26-2003
First Named Inventor	Lutgen, Joseph L.
Art Unit	3751
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Attorney Docket Number	31184

U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
		US- 3,154,056-B1	10-27-1964	Strange, E.	
		US- 3,402,984-B1	09-24-1968	Zazzara, J.R.	
		US- 3,503,546-B1	03-31-1970	Hunt, A.W.	
		US- 3,505,700-B1	04-14-1970	Rodriguez, R.	
		US- 3,596,964-B1	08-03-1971	Zazzara, Joseph R.	
		US- 3,887,286-B1	06-03-1975	Bucey, Jackson P.	
		US- 3,947,132-B1	03-30-1976	Fox, Joseph	
		US- 4,076,427-B1	02-28-1978	Anderson, Charles R.	
		US- 4,127,338-B1	11-28-1978	Laybourne, Sidney C.	
		US- 4,148,424-B1	04-10-1979	Fortenberry, Herman	
		US- 4,606,484-B1	08-19-1986	Winter, Sybil et al.	
		US- 4,738,556-B1	04-19-1988	Brown, James	
		US- 4,846,710-B1	07-11-1989	Campbell, Cynthia J.	
		US- 4,986,682-B1	01-22-1991	Lu, Shuenn-Chin	
		US- 5,143,463-B1	09-01-1992	Pozil, R. L. et al.	
		US- 5,314,260-B1	05-24-1994	Andersson, Jan	
		US- 5,391,010-B1	07-22-1993	Gorbunov, Alexei E.	
		US- 5,405,206-B1	04-11-1995	Bedol, Mark A.	
		US- 5,529,415-B1	06-25-1996	Bishop, Deborah L.	

FOREIGN PATENT DOCUMENTS

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		N/A				

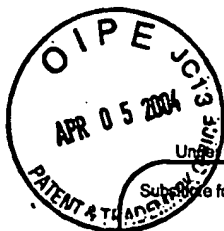
Examiner Signature		Date Considered	5/12/05
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10/672,602

Filing Date

09-26-2003

First Named Inventor

Lutgen, Joseph L.

Art Unit

3751

Examiner Name

To be assigned

Attorney Docket Number

31184

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		N/A	

Examiner
Signature

Date

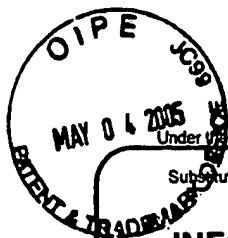
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/672.602
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Filing Date	September 26, 2003
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First Named Inventor	Lutgen, Joseph L.
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Art Unit	3751
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Examiner Name	Nguyen, Tuan N.
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Attorney Docket Number	31184
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Sheet	1	of	2
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁶ (if known)				
		GB 2,343,149 A1	03-05-2000	Philip Champion		
				-de-Crespigny		
		WO 00/07829 A1	02-17-2000	Beesley, John		
		FR 911,190 B1	07-01-1946	Lacroix, M. Jean- Pierre		

**Examiner
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Date
Considered

5/12/05

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